

Title (en)

Press belt and press roll cover for papermaking

Title (de)

Pressband und Presswalzenbezug für Papierherstellung

Title (fr)

Bande de pressage et revêtement pour rouleau de pressage pour la fabrication de papier

Publication

EP 1010806 B1 20040324 (EN)

Application

EP 99660119 A 19990706

Priority

US 21634798 A 19981218

Abstract (en)

[origin: EP1010806A2] In a papermaking machine for making paper and paperboard products, a press belt, press roll cover, or long nip shoe press belt, is disclosed that has both a permanent microscale roughness and areas of both hydrophilic and hydrophobic nature which properties promote good sheet smoothness and printability, while allowing for excellent sheet release. <IMAGE>

IPC 1-7

D21F 3/02

IPC 8 full level

D21F 3/00 (2006.01); **D21F 3/02** (2006.01); **D21F 3/08** (2006.01); **D21F 7/08** (2006.01)

CPC (source: EP KR US)

D21F 3/02 (2013.01 - KR); **D21F 3/0227** (2013.01 - EP US); **D21F 7/083** (2013.01 - EP US); **D21F 7/086** (2013.01 - EP US); **Y10S 162/901** (2013.01 - EP US); **Y10T 442/3764** (2015.04 - EP US)

Cited by

EP1460172A1; EP1855877A4; EP1225272A1; EP1788152A1; WO2007033878A2; US7811627B2; US9562319B2; US10577744B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1010806 A2 20000621; **EP 1010806 A3 20011121**; **EP 1010806 B1 20040324**; AT E262612 T1 20040415; AU 4246299 A 20000713; AU 730628 B2 20010308; BR 9904336 A 20000912; BR 9904336 B1 20110726; CA 2290153 A1 20000618; CA 2290153 C 20060711; CN 1115439 C 20030723; CN 1257953 A 20000628; DE 69915784 D1 20040429; DE 69915784 T2 20050113; ES 2218975 T3 20041116; ID 24008 A 20000622; JP 2000178890 A 20000627; KR 100348206 B1 20020809; KR 20000047451 A 20000725; MX PA00000026 A 20070123; NO 315332 B1 20030818; NO 996300 D0 19991217; NO 996300 L 20000619; TW 445329 B 20010711; US 6136151 A 20001024; ZA 995591 B 20000327

DOCDB simple family (application)

EP 99660119 A 19990706; AT 99660119 T 19990706; AU 4246299 A 19990803; BR 9904336 A 19990923; CA 2290153 A 19991123; CN 99118311 A 19990826; DE 69915784 T 19990706; ES 99660119 T 19990706; ID 991066 A 19991117; JP 35863699 A 19991217; KR 19990031786 A 19990803; MX PA00000026 A 20000103; NO 996300 A 19991217; TW 88115761 A 19990913; US 21634798 A 19981218; ZA 995591 A 19990831